

Designing Craters: Creating a Deep Impact

Comet Research

STUDENT HANDOUT

BACKGROUND INFORMATION

Eventually, you are going to apply what you learn about craters in general to the specific case of cratering on a comet. Throughout this unit, and in preparation for your final report to the Deep Impact Team, collect any information and resources about comets that you can find. You should be looking for information on the following items in particular:

- the composition of comets (What are they made of?)
- the size of comets
- the shape of comets
- any other information you think would be useful in determining how best to impact or make a hole in the comet

Due Date: _____

Use the table below (or create your own) to record your ideas and keep track of your research.

Composition of comets:

Size of comets:

Shape of comets:

Ideas about impactors:

Other information:

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